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A U of A task force is exploring the scope of a new research institute on campus.

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## The bottom line

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Researchers are finding new ways to treat diabetes patients without islet cell surgery.

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UNIVERSITY OF ALBERTA

# folio

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## Mactaggart donation largest in university history

*Collection valued at \$37 million likely to leverage matching provincial funds*

By Caitlin Crawshaw

More than 700 pieces of ancient and modern Asian art and textiles have been donated to the University of Alberta in one of the largest donations in Canadian museum history.

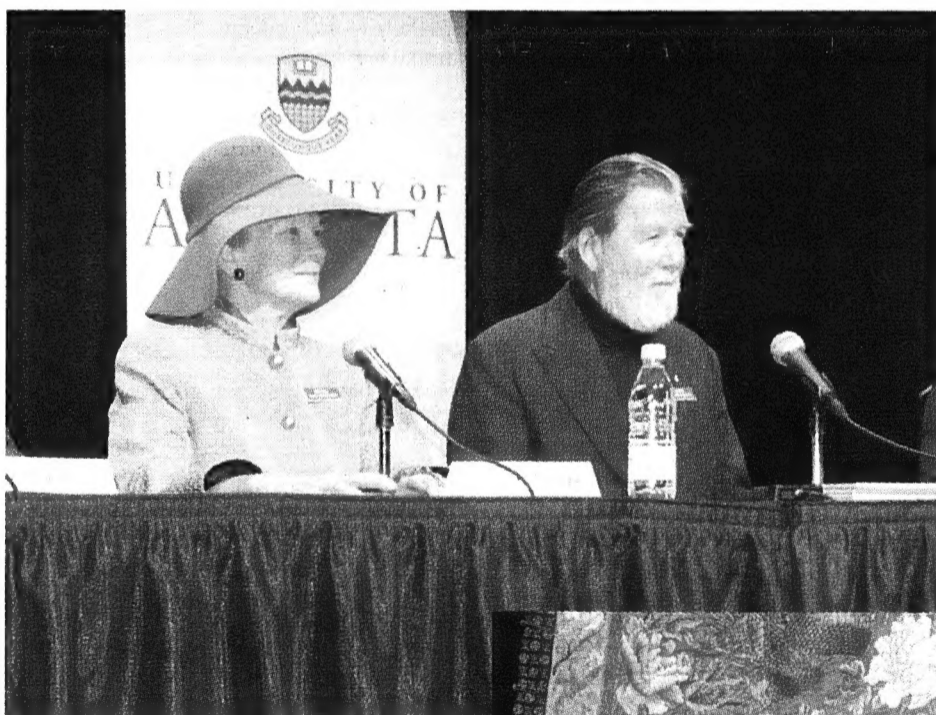
It was announced last week that Edmonton philanthropists Sandy and Cecile Mactaggart have donated a rare collection valued at over \$37 million to the U of A Museums. The wide array of cultural artifacts will form the basis of a new Chinese studies centre to be built on campus with matching donations from the Alberta Government.

"This is the largest donation to the University of Alberta by any individual donor in our history," said U of A president Dr. Rod Fraser. "It is one of the most valuable donations to any public museum in Canada in terms of its appraised value and its rarity."

Fraser added that the collection has been named the Mactaggart Art Collection, and has been certified by the federal government as Canadian cultural property, meaning that it has met standards of national importance.

The collection includes 92 pieces of Chinese art dating back as far as the 13th century, 641 Asian artifacts including textiles and costumes, and a world-class collection of Tibetan costumes. An existing \$10 million endowment fund previously given to the U of A by the philanthropist couple will cover the costs of maintaining the collection.

"As a museum community we are absolutely delighted to be getting this type of donation," said Janine Andrews,



Sandy and Cecile Mactaggart's art collection includes 92 pieces of Chinese art, 641 Asian artifacts and a world-class assortment of Tibetan costumes. Inset: detail from the Empress Dowager Robe from the late Qing Dynasty (1850 - 1912).

Executive Director of Museums and Collections. "It's rare, it's unique, it's in excellent condition, the donors have carefully collected it, and they have documented the collection better than some museum collections that I've seen."

In fact, the Mactaggart Art Collection has been years in the making, and was facilitated from time to time by expert



advice from members of the New York and London art scenes.

"It started when I was in university and gathered over a lifetime, principally

"It's rare, it's unique, it's in excellent condition, the donors have carefully collected it, and they have documented the collection better than some museum collections that I've seen."

— Janine Andrews

by my competent wife, whose tastes and high standards are reflected in the quality of everything she's collected — except me," said Sandy Mactaggart.

He pointed out that the donation is, in fact, two gifts — the art collection and the Chinese Studies Centre, noting that the latter is of prime political importance to Alberta.

"The provincial government is supporting this initiative because it recognizes the effect Canada's future relations with China will have on the prosperity of Alberta," he noted, speaking to China's growing influence in the world. "Today we are launching an initiative with far-reaching possibilities, of great importance to this province and this country."

Fraser emphasized that the U of A is fortunate to have been selected for the donation.

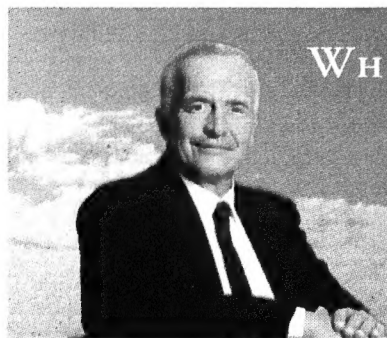
"We are simply delighted that the Mactaggart family has chosen the U of A to be the custodians, to be the stewards, to be those whose goal is to harness the full potential of this magnificent gift." ■

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# Two new Canada Research Chairs named

Appointments bring U of A total to 86

By Scott Lingley

Reducing fat in our diets and improving knowledge utilization for better patient care are the respective research interests of the University of Alberta's two newest Canada Research Chairs.

Dr. Randall Weselake of the U of A's Department of Agriculture, Food and Nutrition Science, and Dr. Carole Estabrooks of the Faculty of Nursing, were among the 106 Canadian Research Chairs announced last week. This appointment brings the total number of CRCs working at the U of A to 86, which accounts for more than \$85 million in funding.

In his research, Weselake uses a combination of techniques in cell culture, analytical lipid chemistry, enzymology, membrane biochemistry, proteomics, and molecular genetics to investigate the enzymatic processes involved in oil formation in canola,

"The department I'm in is so diverse in terms of agricultural science activities, there are a lot of opportunities for collaboration here. Recently I've been working on dairy science, looking at fat formation in milk and trying to increase the nutritive value of milk by focusing on some of the fat-formation enzymes there. That's one of the nice things here – we have plant scientists and animal scientists working under the same roof."

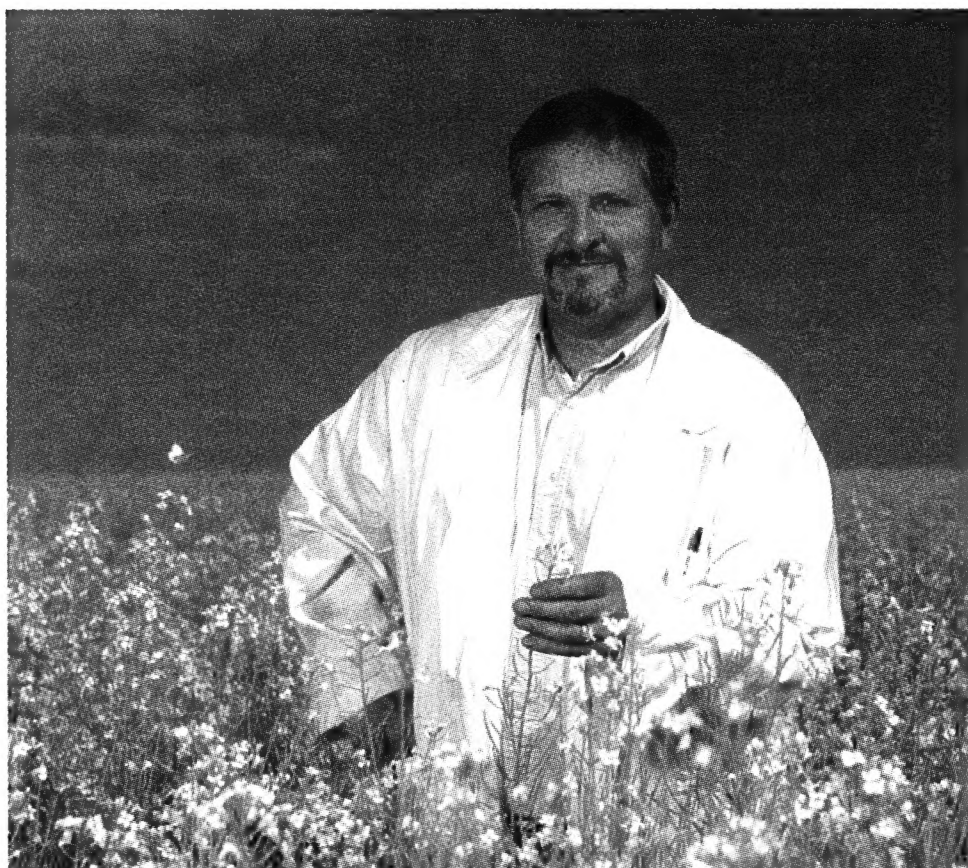
— Dr. Randall Weselake

flax seed, safflower and other plants, with an eye to enhancing oil production and, ultimately, to producing oils that are lower in saturated fat and higher in omega-3 fatty acids.

"A seed with enhanced oil content would benefit the oil extraction and processing industry in Canada, and also specialty oils for food and industrial applications," Weselake said. "Healthier oils are the more distant goal, and also oils that could be used by industry to manufacture things like plasticizers and nylon and that kind of thing. It all has to do with getting an in-depth understanding of how the enzymes assemble oil, and how we could use biotechnology to make alterations to the oil formation process, and this is a natural complement to the plant breeding process."

Weselake, who came to the U of A last fall from the University of Lethbridge, said he's thrilled to be honoured with a Canada Research Chair and looks forward to the opportunities for advanced training of students and working with colleagues in related disciplines presented by his new surroundings.

"The department I'm in is so diverse in terms of agricultural science activities and there are a lot of opportunities for collaboration here. Recently I've been working on



New Canada Research Chair Dr. Randall Weselake is developing methods of maximizing the production of plant oils like canola oil while making them healthier.

dairy science, looking at fat formation in milk and trying to increase the nutritive value of milk by focusing on some of the fat-formation enzymes there," Weselake said. "That's one of the nice things here – we have plant scientists and animal scientists working under the same roof."

Estabrooks' research in the Knowledge Utilization Studies Program centres on how healthcare providers – primarily nurses – access up-to-date information relevant to their work, and how this information impacts their day-to-day decision-making. Over the next five years, Estabrooks hopes to develop strategies to increase levels of research use, and subsequently to test how this affects healthcare delivery. Ultimately, her research program aims to better the health-care delivery systems in Canada and

around the world.

The Canada Research Chairs program began in 2001 as a federal initiative to re-invest in research and post-secondary education in Canada. By the end of the program, in 2005, the U of A will have been allocated 126 Canada Research Chairs – fourth most among universities nationally. The total awards will amount to \$135.5 million.

"The Canada Research Chairs Program is a significant gain for universities and colleges across the country," said federal Minister of Industry David L. Emerson, in announcing the new Chairs last week. "It ensures Canadian research excellence for years to come, and gives our students – the next generation of leaders and thinkers – the opportunity to learn from the best and brightest minds in the world." ■

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## Donation fast-tracks new China institute

Task force struck to help establish scope

By Richard Cairney

With the donation of \$37 million worth of rare Chinese textiles from the Mactaggart family last week and the announcement in the Alberta Government's throne speech that it has set aside funds that would enable the University of Alberta to establish a Centre for Chinese Studies, the U of A has struck a task force to help determine the centre's activities and makeup.

And Dr. Murray Gray, a professor of chemical and material engineering and a former dean of the Faculty of Graduate Studies and Research, is heading up the China Centre Development Task Force. The first job, he notes, is to take stock of all the major initiatives on campus that are related to China.

"We want to get word out about what the task force is doing and that if anyone is willing to submit ideas we are willing to accept them," said Gray. "We're looking for ways to structure this to best benefit the university."

The centre took an important step towards becoming a reality when the provincial government announced, in the spring throne speech, the establishment of a \$3 billion Access to the Future Fund. The fund will, among other things, provide matching funds for initiatives such as the new Centre for Chinese Studies. The insti-

tute has been proposed to promote greater understanding of the culture, language and history of one of the world's largest economies and a country with which Alberta – and the U of A in particular – has held a lasting relationship.

At the time, U of A President Rod Fraser said the centre would take advantage of strong relationships the university has forged with China. The Faculties of Arts, Education, Agriculture, Forestry, and Home Economics and the School of Business have played leading roles in building educational ties to China, from basic literacy in rural areas and agricultural and reforestation projects to educating that country's highest-ranking civil servants.

The new centre, Fraser said, should offer mobility for students, faculty and staff, offer professional development, take advantage of new research funding from the Chinese government and donors, and should position itself as a leading centre on Chinese international affairs to be seen as "one of the world's absolute best centres of Chinese studies."

"Dr. Fraser has been active for many years promoting the establishment of a centre for the study of China and for fostering research relationships and academic interchange across multiple disciplines so this centre certainly goes beyond study-

ing China, it also goes to getting people in China interested in Alberta, so there is element of reciprocity," said Gray. "I know Dr. Fraser has been pushing this idea for some time both to potential donors and the provincial government."

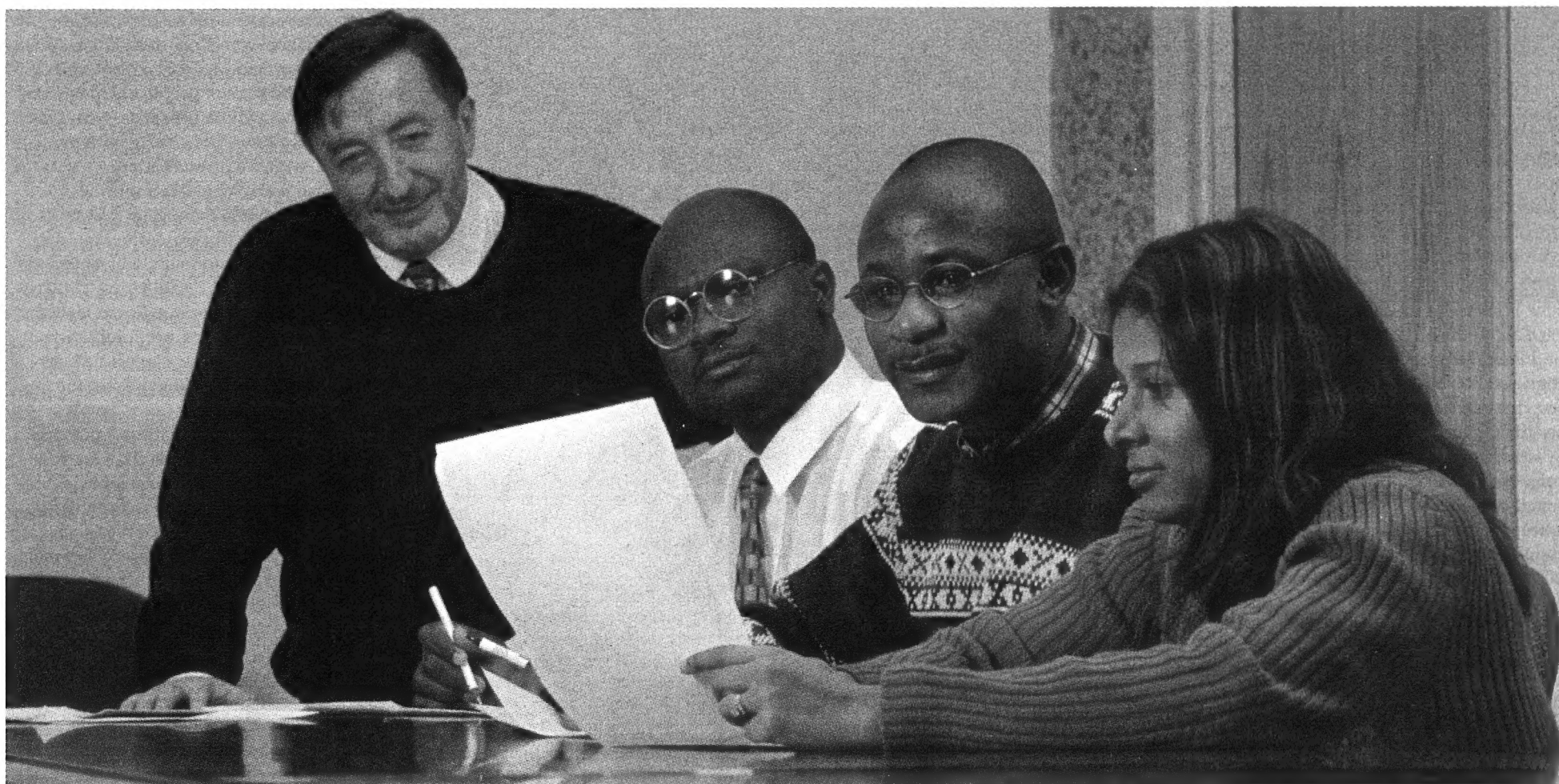
The donation made by the Mactaggart family last week is playing a key role in financing the centre, giving the university a donation with which to apply for matching funds. Now, Gray says, the idea is to provide a more solid framework for the centre, but the slate isn't entirely blank.

"The clear direction is that it will be an academic centre, not a physical centre, and the term we are headed towards is 'institute,' so it will be an active umbrella with organizations that span all faculties," he said.

If the provincial government matches the Mactaggart's gift, the U of A would be able to fund the centre with income from an endowment of about \$1.2 million per year, he said.

"That is the potential base for the institute – we would look at that as a starting point for a very active set of activities, assuming it is duly matched."

Gray said that "most faculties" have some relationship with China and the idea is "to reinforce and strengthen what is happening on campus" in establishing the centre. ■



Richard Siemens

About 50 academic positions which were slated to be cut under the U of A's budget plans will now remain, thanks to a provincial government reinvestment in advanced education.

## No more budget blues

*The Alberta government makes advanced education a priority, and puts up the cash too*

By Richard Cairney

It had begun to seem like a rite of spring: the university's Board of Governors approves its budget, walking a fine line between growth and restraint. Tuition is increased and faculties and administrative units are told to deal with budget reallocations – cuts by a kinder word.

For years, the University of Alberta has struggled with a so-called revenue gap – a shortfall in its operating budget; for years, too, the university's professoriate has shrunken while enrolment has grown. The budget model was, Vice-President (Finance and Administration) Phyllis Clark said recently, "broken" and "unsustainable."

But this year things are suddenly very different. The confluence of a sustained, intense lobbying effort for increased funding and the province's debt-free status has put the Alberta government in a position to reinvest in post-secondary education. This year, the province has made post-secondary education a priority. During its throne speech, the Klein government announced \$4.5 billion in new and expanded post-secondary endowments and scholarships, including a new \$3 billion endowment, the Access to the Future Fund, and a \$1.5 billion expansion of current endowments and scholarships.

It wasn't until the Government of Alberta's April 13 budget, however, that university administrators knew what, if any, relief it would see in its chronically overburdened operating budget. It turns out that relief is significant. Finance Minister Shirley McClellan referred to advanced education as the centrepiece of an "investment budget" that saw post-secondary funding increased 13.4 per cent over last year, for a total of more than \$1.6 billion.

Included in the budget was an 18-per cent increase (\$205 million) in funding to post-secondary funding over the next three years, which will allow the U of A and other institutions to address operating budget deficits. The news couldn't have been better for U of A President Dr. Rod Fraser who had been tireless in lobbying for greater provincial funding. The new budget, he said, "sets us on the pathway to becoming the Alberta and the Canada we want to live in."

### BUDGET HIGHLIGHTS:

- The revenue gap of \$48.7 million will be nearly closed, with \$45.5 million in funding awarded over the next three years; further funding announcements may follow.
- Planned 2.75-per-cent and 3.25-per-cent cuts worth \$9 million to faculties and administrative units have been cancelled; subsequent 1.5-per-cent cuts to faculties and administrative units planned for 2006-07, worth \$4.8 million, may also be cancelled.
- Base operating grant increases of 18 per cent (six per cent per year) for the next three years.
- About 50 academic positions which were slated to be cut will now remain.
- Financial support for unfunded students – students the university accepts beyond those accounted for in base operating funding – will be provided. The total cost of unfunded students to the university last year was \$19.5 million.

"This is the first year that, not only do I not have a budget cut affecting my life, but I got to cancel one," said Provost and Vice-President (Academic) Dr. Carl Amrhein who, like many of his peers, became accustomed with budget cuts.

"I went to grad school starting in 1980, and every year that I have been a grad student or a professor, we took a budget cut. One year at the University of Toronto we thought we weren't going to have a budget cut, but then the stock market tanked and the pension fund was in trouble – so we took a cut.

"There was nothing in my background to indicate this would happen. I haven't been here that long but I am told this is first time in 12 to 15 years the institution will be able to turn over the budget without painful reallocations," he said, adding that assurances from the government that the budget would satisfy universities weren't entirely comforting; funding patterns of the past simply seemed more likely.

"I haven't seen this in a public system in my entire professional life: a three-year commitment that is in many ways tailored to the needs of the institutions," he said of the budget. "This is unbelievable."

But the new funding picture doesn't mean the university will be able to fulfill every desire. The job now is to manage expectations and be realistic and responsible in managing the increased funding.

"The Board of Governors will be firm in their expectation that we will eliminate the operating deficit as well as the accumulated deficit, which has grown during four successive years of deficit budgets," said Vice-President (Finance and Administration) Phyllis Clark.

And with contract talks with academic and non-academic staff underway, Clark says it's important to keep in mind that the university's salary negotiations are not based on the size of the provincial grant. Indeed, in previous years, the university has chosen to offer competitive salaries in order to continue to recruit high-calibre faculty and staff.

"We don't do salary negotiations based on the provincial grant," she added. "We negotiate on the basis of the market and the university's competitive position."

While salaries constitute the university's largest expense, there are other priorities. The province also announced plans to increase capacity at the post-secondary institutions – growth that needs to be carefully planned for.

"The government has recognized the need and we are grateful. They have closed the gap – meaning we have enough money to take care of all our current obligations. We will work with the province to meet growing student demand and continue to build on quality," Clark added.

Other budget highlights include \$90 million to add 15,000 new spaces in Alberta's post-secondary institutions over the next three years; the province also wants to overall increase capacity at post-secondary institutions by 60,000 in the next 15 years, growth that needs to be planned for carefully.

"In terms of more students in seats for the fall of '05, obviously we're well along in terms of our admission process for this year, so we're going to have to work very quickly with Advanced Education, if we're going to see any change to the current numbers that we have," said U of A Deputy Provost and Associate Vice-President (Academic) Dr. Art Quinney. "We expect that the growth at the U of A will play itself over the second and third years primarily in the three-year program."

There remains one big question mark in planning future budgets – tuition. The province has essentially frozen tuition for next year, budgeting a one-time rebate of \$43 million to cover the cost of tuition hikes across the province. It will also develop a new provincial policy on tuition. But university budget projections include maximum allowable tuition fee increases. No one can say yet how that new policy will affect the university's budget, except for the fact that a one-per-cent increase in tuition adds up to \$1.2 million in revenue.

"Over the next six or seven months we are going to have to talk about tuition," said Clark. "Our current budget plan calls for maximum increases through the budget cycle. Assuming the provincial government does not extend its tuition rebate program for 2006-07, that means students could see the full increase of \$500 – which includes this year's increase, which the provincial government is paying, and next year's increase. We don't know if students, and the public, will accept that."

While there are still some uncertainties, Amrhein said post-secondary education in Alberta has been altered dramatically. Within two years, he says, the provincial government will have set aside \$6 billion in endowments for post-secondary institutions.

"With those kinds of resources that are there not in place of but in addition to our operating budgets, it's hard to imagine what all this will mean 10 years from now," he said. "But it is a major infusion of resources. This is the place to be in Canada, probably in North America." ■

# From Killam Hospital to Killam award

*Nursing professor's research has profound impact on patients*

By Phoebe Dey

Dr. Katherine Moore has come full circle. Her career in urological health research started more than 20 years ago at Halifax's Izaak Walton Killam Hospital and now that body work has been honoured with an award of the same name.

Moore, from the University of Alberta's Faculty of Nursing, is one of this year's recipients of the Killam Annual Professorship, a distinction that recognizes scholarship, teaching and community service.

As a nurse working under paediatric urologist Robert Schwarz, Moore watched how Schwarz guided his practice with concern about the quality of life for children and their parents. Specifically, it was a willingness to try new challenges such as treating children with bladder dysfunction as a result of spina bifida that inspired Moore.

"For children with disabilities, the impact of urinary incontinence on socializing, sleep-overs, school activities and self esteem was underestimated and under-reported and parents needed considerable support to provide the best care for their child," said Moore. "More importantly, from a clinician's perspective, little research had been conducted on management of incontinence so that parents could be assured of the best possible practice."

Being immersed in an area of such direct personal consequence forced Moore to think of graduate school and research studies. Since then, she has transformed the landscape surrounding urological health problems, covering everything from the best way to provide intermittent catheterization for those children with spina bifida to assisting men with early stage prostate cancer.

Moore's initial days as a graduate student set the stage for what she would accomplish later. When investigating the effectiveness of two solutions in cleansing catheters for re-use in children with spina



Dr. Katherine Moore has recently been awarded a Killam Annual Professorship for her achievements in scholarship, teaching and community service.

bifida, she looked at a simple, inexpensive approach, Sunlight liquid soap, against a more complex procedure. She discovered that simple technique method to be a reasonable alternative, despite resistance to what was deemed as a home remedy. By challenging the view, Moore brought about direct change to Alberta Health and the Ontario ministries, both of which changed their policies as to how patients are taught to care for their catheters. The method is now standard practice across Canada.

Moore then followed up with a study on the quality of life of men following radical prostatectomy, and identified some important gaps in the information they received. She used focus groups to produce a booklet addressing men's concerns. It has been put into practice in most pre-admission clinics across the country and has been translated into French for use in Quebec.

She also volunteers her time and expertise to the Prostate Support Group at the Cross Cancer Institute and continues to

speaking locally and internationally for both lay audiences and the medical community.

Dr. Genevieve Gray, dean of the Faculty of Nursing, said Moore's skills have helped enhance the lives of people – young men in particular, whose lives have been permanently altered from living with prostate cancer or after a prostatectomy.

"One man she worked with was quoted as saying, that 'From diagnosis to recovery Dr. Moore mapped out the journey and offered knowledgeable and consistent support,'" said Gray. "She has established herself as a research leader at provincial, national and international levels. Throughout her career she has received excellent teaching evaluations from students."

"She includes graduate and postdoctoral students in her research, who then see first hand the importance of evidence-based practice and provides them the impetus to become future nursing researchers and leaders. She is an exemplary member of the faculty."

As for Moore, it is not the accolades that drive her; it is the personal impact she has on individuals and their families. "It is the thanks that people express when hearing me speak at groups such as the Prostate Cancer support group, the appreciation that is shown when men have found participation in a research study to give them support and hope, and the 'ah-ha' response that nurses express when I present the current evidence on research in incontinence."

But she still appreciates the Killam Annual Professorship as an acknowledgment to her career. "It means a committee beyond nursing has recognized that the work I do may have wide-reaching effects on people and their lives. It is encouraging to see my work valued. In a competitive funding environment, I have been successful in putting continence on the 'map.'" ■

## Centre will provide new approach to patient care, teaching

*Province invests \$577 million in health sciences centre*

By Caitlin Crawshaw

A world-class health and education centre at the University of Alberta was given the green light from the province this week when the government announced \$577 million in funding for the Health Sciences Ambulatory Learning Centre.

The facility will bring together health sciences students, researchers and practitioners to provide co-ordinated diagnostic and specialist services on the U of A campus.

According to Neil Wilkinson, chairman of the Capital Health Authority, the joint project between the U of A and Capital Health will provide a significant boost to the delivery of health services in the province.

"This centre will provide the key environment to support a Mayo Clinic

approach to one-stop, rapid patient care with an emphasis on patients and their families, and will also allow us to provide a higher quality of care, because our educators and clinicians will be working closely together," he said.

He added that currently the U of A Hospital and the Stollery Children's Hospital are operating 30 per cent above their capacity. Wilkinson noted that the new centre will provide needed beds for patients.

According to U of A Provost and Vice-President (Academic) Dr. Carl Amrhein the centre is a continuation of a longstanding working relationship between the U of A and Capital Health to provide health services to Albertans and educate upcoming generations of health practitioners.

"We share clinicians, scientists, and a wide array of activity in our two institutions. We are a combination that, in my view, is unbeatable in North America. This facility as it develops will allow us to retain our position within North America as one of the leading powerful combinations of academic health science in its many, many forms," said Amrhein.

The new centre, slated to open in 2009, is part of an existing integrated approach to health science education at the U of A, explained Alberta's Minister of Health and Wellness Iris Evans.

"Here on this campus, the health sciences are delivering a whole new kind of education to the healthcare professional for the future. The healthcare professional of the future will

not see a separation between team members but see a blend of people who will be doing things for the common purpose to make the patient healthier," she said.

Amrhein emphasized the role that the centre will play in student learning on campus, explaining that many students from medicine, dentistry, pharmacy, rehabilitation medicine, nursing and many other health science fields will have the opportunity to learn alongside practitioners and researchers.

"By the year 2020, over 12,000 students from over six U of A faculties will be benefiting from the improved learning opportunities at this centre, helping to meet the growing healthcare needs of Alberta's population." ■

## Engineering firm's donation helps students

*Stantec creates new scholarship fund*

By Caitlin Crawshaw

An Edmonton-based engineering firm has donated \$300,000 to the University of Alberta's Faculty of Engineering to establish a new scholarship fund for students and support graduate research.

Stantec Consulting Ltd. and the U of A announced recently that these funds will form the Stantec Academic Excellence Scholarships and go toward supporting the Killam Centre for Advanced Studies. The funding has also helped establish the Stantec Lecture Theatre in the Engineering Teaching and Learning Complex (ETLC).

"Stantec's support of the Faculty of Engineering has helped us provide a mar-

gin of excellence and allows us to do things we otherwise couldn't accomplish," said U of A Faculty of Engineering Dean Dr. David Lynch.

"Ultimately, Stantec's gift will enable us to continually improve the quality of teaching and research and enhance the overall student experience and environment at the U of A."

Beginning this fall and continuing for five years, the new scholarships will provide two Alberta high school graduates entering the university with awards of \$5,000 each. Additionally, the Stantec donation will give \$100,000 to the Killam Centre for Advanced Studies, which is currently being developed

at the South Lab building to support graduate and postdoctoral study.

"At Stantec, we understand the value of post-secondary education and the importance of providing high-tech learning environments for students," explained Stantec CEO Tony Franceschini.

He added that Stantec and the U of A have had a longstanding relationship, dating back to when the firm's founder, Don Stanley, was an engineering student at the university.

"We are proud of our long relationship with the university," Franceschini said. "Given the university's – and specifically

the Faculty of Engineering's – reputation as a leader in research, learning, and the education of high-calibre graduates, I feel it is only natural for Stantec to support the university in a major way."

Lynch emphasized the interconnectedness of the U of A and engineering realms.

"Stantec is supporting the research and programming initiatives in engineering that will impact Alberta's and Canada's natural resource and construction industries for generations to come. This is because the Faculty of Engineering at the University of Alberta is the destination of choice for students from many communities across Alberta and Canada." ■

# Honorary degree recipients named

*Leaders in industry, arts, giving*

The University of Alberta has announced recipients of honorary degrees to be conferred during the spring 2005 convocation, June 7-10. The list of recipients includes philanthropists, artists and business leaders who have made important contributions to society.

This spring's honorary degree recipients are:

## DR. GEORGE ELLIOTT CLARKE

Dr. George Elliott Clarke, a renowned Africadian, poet, novelist, playwright, screenwriter and literary critic, has made exceptional contributions to Africadian literary studies and is known as one of the best English language poets in Canada. His 11 books of poetry and drama have been published to critical acclaim, including *The Execution Poems*, which won the 2001 Governor General's English Canadian Poetry award. Clarke's work connects to the Africadian cultural experience and his religious, Black Loyalist heritage. Currently, Clarke is the E.J. Pratt Professor of Canadian Literature at the University of Toronto. Prior to this position, he served as an assistant professor of English and Canadian Studies at Duke University in North Carolina and the Seagram Visiting Chair in Canadian Studies at McGill University. He earned a BA (Honours) in English from the University of Waterloo in 1984, an MA in English from Dalhousie University in 1989 and a PhD in English from Queen's University in 1993. He received an Honorary Doctor of Laws degree from Dalhousie University in 1999 and an Honorary Doctor of Letters degree from the University of New Brunswick in 2000. His work has earned him a number of other prestigious awards, including Outstanding Writer in Film and Television in 2000, Portia White Prize for Artistic Achievement from the Nova Scotia Arts Council in 1998, and the Archibald Lampman Award for Poetry in 1991. Clarke will receive an Honorary Doctor of Letters on June 7.

## RONALD NEIL MANNIX

Ronald Mannix is well known for his outstanding business leadership and province-wide support of charitable actions and public initiatives. A U of A alumnus, Mannix, earned a BComm in 1972. After university, he joined Manalta Coal Ltd., where he held many executive positions: president in 1974; executive vice-president of Mancal Ltd. in 1977; president and CEO of Mancal Ltd. in 1978; and chairman of Mancal Ltd. in 1980. Currently, Mannix is chair of Coril Holdings Ltd., a company involved in global investment business, railroad manufacturing and maintenance, microscope production, heavy construction, engineering, coal mining, oil and gas production and pipelining, real estate, ranching and venture capital activities. He is also member of the Entrepreneurs Circle of the Canadian Council of Chief Executives, and chairman and director of Loram International Ltd. and CXE International Ltd. and numerous other family businesses. On a philanthropic basis, Mannix plays many lead roles: chairman of the Carthy Foundation; member, director and past chairman of the Max Bell Foundation; member, director and former chair of the Norlien Foundation, which he created in 1998 to support health and wellness, environmental protection and children at risk initiatives; director and past chair of the Scripps Foundation International Board; and past chair of the Calgary International Organ Competition and Festival. In 1999, Mannix displayed visionary leadership and, through the Carthy Foundation, provided key support to the U of A School of Business Centre for Entrepreneurship and Family Enterprise



Dr. George Elliott Clarke

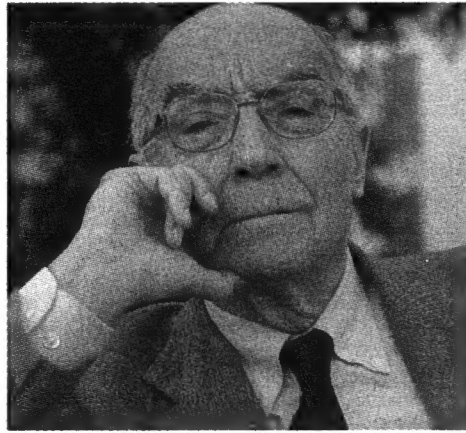
(CEFE). CEFE is now internationally known and provides ground breaking research and programs to one of the backbones of the Canadian economy – family business. Mannix will accept an Honorary Doctor of Laws Degree on June 7.

## JOSÉ SARAMAGO

José Saramago of Portugal is an eminent and prolific author who in 1998 was awarded the Nobel Prize for Literature. In addition to being a novelist of international renown, he is equally acknowledged as a journalist and commentator on the modern world and as a writer of poetry, theatre and fiction whose contributions to contemporary literature have far surpassed the frontiers of his native language and land. His first novel appeared in 1947, yet not until 1966 did his literary career begin in earnest with *Os poemas possíveis* (*Possible Poems*). In the intervening years Saramago worked as a journalist, publisher and literary critic. In 1972-1973, difficult years in Portugal, he was a political commentator and member of the editorial board of the Lisbon daily *Diário de Lisboa*. In 1977, the first of his major novels, *Manuel de Pintura e Caligrafia* (*Manual of Painting and Calligraphy: A Novel*) appeared. *Memorial do convento* (*Baltasar and Blimunda*), a soaring tale of love set among the terrors of the Inquisitions and the plague in Portugal in 1711, largely launched his international reputation upon its appearance in 1982. Renowned as a writer whose very words have benefited humanity, Saramago will be conferred with an Honorary Doctor of Letters on June 8.

## DRS. PETER & DORIS KULE

Drs. Peter and Doris Kule, two outstanding philanthropists, visionaries, and community leaders, focus their time and generosity on supporting educational endeavours and their Ukrainian culture and community. Peter Kule, a prominent chartered accountant, and his wife Doris Kule, an accomplished elementary school teacher, have displayed their grand generosity and commitment to education and their heritage through donations to many post-secondary institutions, including the University of Alberta, Grant MacEwan College and Saint Paul University in Ottawa. In 1998, they each were awarded an honorary degree from St. Paul University. They have made a significant donation to the Chartered Accountants' Education Foundation in support of the CA Chair at the U of A, and helped fund the "Stay in School" program of the Mennonite Centre for Newcomers at Queen Elizabeth High School in Edmonton. The program, currently serving 180 students from 44 countries, aims to help immigrant high school students adjust to Canada's cultural and educational system. Also at the U of A, they created an endowed chair, entitled the Kule Chair, in Ukrainian Ethnography at the university's Ukrainian Folklore Centre in August 2003. Their major donation of an endowment to fund a full-time professor, which is held by a leading international scholar in the field of Ukrainian culture and traditions, will support research and scholarly activity centred



Jose Saramago

on folklore and ethnography. Through their donations they have touched the lives of many professors and students. Together, they will be conferred an Honorary Doctor of Laws on June 8.

## DR. JEAN GRAY

Dr. Jean Gray, an alumna of the University of Alberta, is one of Canada's outstanding medical educators. In 1967, Gray obtained a Medical degree from the U of A. Following her graduation, she completed a junior rotating internship at Toronto Western Hospital and then a postdoctoral fellowship in the Department of Pharmacology at Stanford University. She later moved to Dalhousie University, becoming an exceptional professor of medical education, medicine and pharmacology, and a strong advocate for clinical education and female physicians in medicine. At Dalhousie University, she was the founding head of the Division of General Medicine, and served as associate dean of Postgraduate Medical Education and associate dean of Continuing Medical Education. Gray has pursued a wide range of research interests, including drug metabolism, hypertension, women's health and medical education. In 1993, she became a diplomat of the American Board of Clinical Pharmacology, and in 1999, she was designated a specialist in Clinical Hypertension by the American Society of Hypertension. Gray has served in senior editorial roles in several journals and has held leadership positions in many organizations, such as president of the Canadian Society of Clinical Pharmacology, president of the Canadian Society of Clinical Investigation, and president of the American Society of Clinical Pharmacology and Therapeutics. She is currently president of the Canadian Institute of Academic Medicine and the Canadian Association Medical Education, and chair of the Institute of the Gender and Health Advisory Board of the Canadian Institutes of Health Research. Gray will receive an Honorary Doctor of Science Degree on June 9.

## EDWARD (TED) HARRISON

Ted Harrison, a distinguished U of A alumnus, is one of Canada's most talented artists, renowned for depicting the land and people of the Yukon. He is also an internationally recognized author and illustrator of children's books, and has spent much of his career teaching art to children of all ages. Prior to his 28-year-long career in education, Harrison earned a Diploma of Design from the West Hartlepool College of Art, England in 1950 and a teaching certificate from the University of Durham in 1951. He taught school in England, Malaysia, New Zealand, and moved to the Yukon in 1967. In 1970 he moved to Whitehorse, where he taught art to secondary school students and adults. In 1977 he earned a Bachelor of Education degree from the U of A. In 1979 he began to work as a full-time artist, and now his work may be found in numerous private and public collections throughout Canada, England, Australia, New Zealand, United States, Germany and Japan. In 1987 Harrison was



Dr. Jean Gray

awarded the Order of Canada for his contribution to Canadian culture, and received an honorary doctorate from Athabasca University in 1991. Harrison was also the first Canadian to have book illustrations selected for the International Children's Book Exhibition in Bologna, Italy. Harrison will be granted an Honorary Doctor of Laws Degree on June 9.

## HARRY HOLE AND JAMES F. (JIM) HOLE

Brothers Harry and James (Jim) Hole are two of Edmonton's leading philanthropists, businessmen, engineers, and community supporters. They are both U of A engineering graduates and since made significant contributions to business, the arts, athletics, health and education. They held executive positions with the Edmonton-based Lockerbie and Hole, the company co-founded by their father, Harry Hole Sr. Within their company, they played a significant role in the development of buildings and infrastructure, stretching across the U of A campus, Edmonton, Alberta, and the Northwest Territories. The Hole brothers are also vital supporters of the education system, arts community, and local community ventures through donations to the Edmonton Community Foundation. Jim Hole spearheaded a group of prominent Edmontonians who joined together in 1998 to purchase the Edmonton Oilers hockey club; thus, keeping the team in Edmonton. He served as president of the Edmonton Eskimos Football Club, president of the Canadian Football League, and committee member for several major sporting events held in Edmonton over the past 30 years. Harry Hole has played a key role in the development of Edmonton Northlands and is the founding chairman of the Edmonton Police Foundation, a charitable organization that encourages community policing and partnerships between the public and law enforcement officers. Their time and generosity has benefited countless organizations through active participation in numerous boards and committees. While individually they have focused their time in specific areas, together they have made an indelible impact on their city, their profession, and their alma mater. The Holes will be awarded Honorary Doctor of Laws Degrees on June 10.

## ALFRED GEORGE WIRTH

Alfred Wirth, an investment manager of extraordinary talent and success in the financial services sector, is a passionate supporter for education in the arts, humanities and social sciences. Since his liberal arts education at McGill University, where he earned a Bachelor of Arts (Honours) Degree in Economics and Political Science, he has pursued a lifelong passion for scholarly and cultural activities. He has contributed significantly to the development of the internationally renowned and recognized academic standing of the Wirth Centre for Austrian and Central European Studies at the U of A. Wirth's work and support at the U of A is a major and visionary contribution to Austrian studies and culture, and the progress of education within society. Wirth will be awarded an Honorary Doctor of Laws on June 10. ■

## Prof helps himself to Master's athletic buffet

*Fred Judson figures if he can do it, so can you*

By Tom Murray

For Fred Judson, professor and Chair in the Department of Political Science, this summer's World Masters Games will no doubt be a continuation of his already superb record as an amateur athlete.

At last year's Canadian Masters Athletics Association national championships in Calgary, he finished with gold-medal performances in the pentathlon and the 400-metre race, along with silver in high jump and the 100 m hurdles. Impressive results, but even more impressive is Judson's becoming humbly about his athletic prowess.

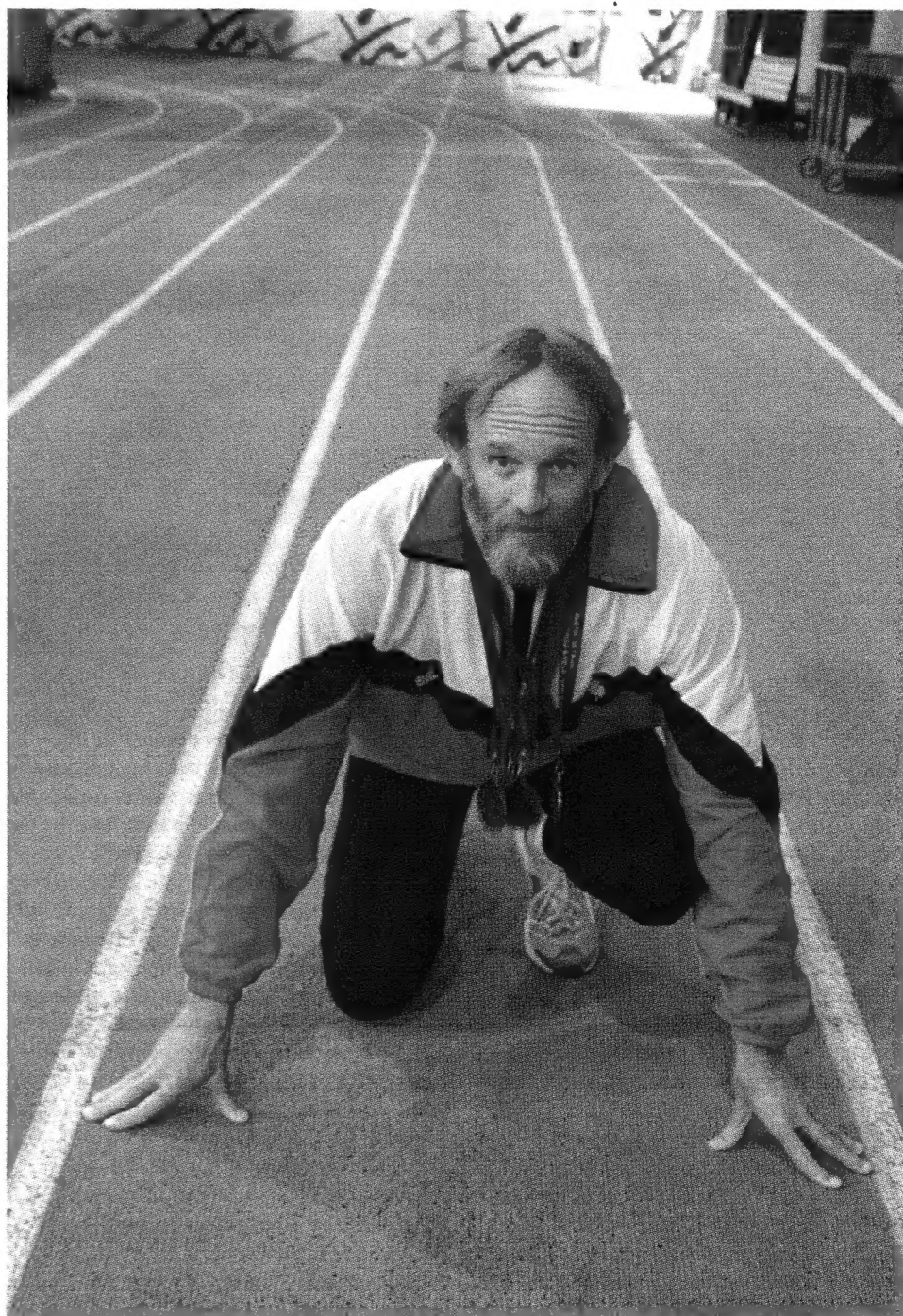
"I actually don't know how many medals I've won," the 59-year-old pentathlete admits, with some amusement. "I do care about a few of them: I'm really pleased to have won a bronze in the decathlon at the world level (at the 2001 World Masters Games in Brisbane, Australia). Frequently, I've won national and or regional gold in pentathlon (he also won bronze in the 4 x 400 m relay at the 2003 World Masters Games in Puerto Rico). I've done well, and been to a number of different places in the world to win them, but that's not really the point."

Judson was already a committed distance runner with the now defunct Jasper-to-Banff relay race and several 10-km runs under his belt when he started Masters training in 1993 under the tutelage of Liz McBlain.

An Edmonton sports legend once selected to the 1972 Canadian Olympic relay team, McBlain was one of the founders of the Edmonton Masters program.

"Liz had been a combined athlete herself. She was a heptathlete for Canada, and she was interested in combined events, so on a couple of training days she would say, 'Anyone want to high jump?' I'd say, 'Yeah, I used to do that.' I found I was not much worse now than I was then. I wasn't very good then, but as time goes along, if you stay the same, you're doing well, right?"

Anticipating a regional Masters competition in the offing for the summer of 1994, Judson decided to concentrate on sports he'd ignored since he was a teenager: the long jump, high jump and shot-put. "I just thought, 'why shouldn't I be doing this stuff?' When you're a kid, sometimes, and



Fred Judson has earned himself a handful of medals and a reputation competing in athletics at the Masters level. He'll be in the thick of things at the World Masters Games being held in Edmonton July 22 - 31.

you're not the fastest or the strongest the older culture says 'We only want winners here, Johnny's faster than you,' so you don't do that. If you're not a winner, forget it. Now it's like, 'What the heck, I can do

whatever I want.'"

Along with these rediscovered youthful pursuits he also picked up a few new tricks as well, such as pole vaulting and hurdling, with an eye to his eventual competition in

"Everybody can get exercise and feel

better about it. To the degree that if we

as Master's athletes are any kind of

example, it's about encouraging a higher

level of exercise."

— Dr Fred Judson

the decathlon. "It just seemed natural...I liked these variety events, just like I like buffet meals, or I like as an academic to be a generalist rather than a specialist."

For Judson, the medals and plaudits from friends and fellow athletes are nice, but he takes a deeper view on the importance of incorporating sports into our daily lives.

"Everybody should get exercise," he said. "It's a better way of life. It's not about how high or how fast you can run, it's about integrating it into your life, at whatever level. Everybody can get exercise and feel better about it. To the degree that if we as Master's athletes are any kind of example, it's about encouraging a higher level of exercise. We all know about the obesity levels among our youth, and we all know about the health issues around us. We can build facilities all over the place, but we can't make people use them. It's difficult to counteract the culture of immediate gratification and consumption, and I'm just as guilty of that as anybody else."

You can bet that Judson will be competing at the World Masters Games, set to take over the city and parts of the University of Alberta campus July 22 - 31. As an official Games Champion, and to help celebrate the province's centennial, the U of A is providing facilities and manpower. The games require 5,000 volunteers, and the university has challenged its faculty and staff to provide 1,000 participants, whether in the sporting side or on the volunteer side.

For information on participating in the Masters as an athlete or volunteer, visit: [www.2005worldmasters.com](http://www.2005worldmasters.com) . ■

## Diabetes discovery breaks new ground

*Growth factors can help revive insulin production*

By Scott Lingley

Medical researchers at the University of Alberta have taken another step in developing an effective treatment for diabetes, through injections that "turn on" insulin-producing cells in the pancreas.

Dr. Alex Rabinovitch, an Alberta Heritage Foundation for Medical Research endocrinologist and director of the Muttart Diabetes Research and Training Centre, along with U of A research associate Wilma Suarez-Pinzon and professor of surgery Dr. Jonathan Lakey, co-authored a paper on the use of growth factors to turn precursor cells in the pancreas into insulin-producing Beta cells. Their research has been published in the *Journal of Clinical Endocrinology and Metabolism*.

The research team transplanted human pancreas islet cells into mice, and then injected the mice with gastrin and epidermal growth factor - two compounds asso-

ciated with the formation of insulin-producing cells in fetal pancreases. They found that some of these "precursor cells" were transformed into insulin-producing cells by the growth factors and that, two months after the injection treatments stopped, the cells continued to produce insulin. No side effects were detected in the mice.

"We've shown that, even in adult life, some of these precursors to the insulin-producing Beta cells are still available to be turned on by the growth factors that were probably doing the job in embryo," Rabinovitch said.

Rabinovitch said the injections resulted in a three-fold increase in the number of insulin-producing cells in the pancreas, and trials can now proceed to see if the new cells will survive and whether they will produce enough insulin to reduce or eliminate the need for type 1 diabetes to inject insulin.

The two growth factors have been cleared by the U.S. Food and Drug Administration for clinical trials with type 1 and type 2 diabetics, which Rabinovitch said will start in the next six months. Type 1 diabetics require regular injections of insulin because their pancreas produces little or none, whereas type 2 diabetics may not need insulin injections as their bodies can still produce some insulin.

"Patients will receive the two growth factors by injection the way one would inject insulin, twice a day for maybe a month and stop, then see if they will now need less insulin or, in the best of all possible worlds, no insulin, and see how long it will last, as well as see whether or not it's associated with any adverse side effects."

Rabinovitch said the research, which was predominantly funded by the Juvenile Diabetes Research Foundation, has the

potential to enable people with type 1 diabetes to avoid islet cell transplants, pioneered at the U of A, by calling on the precursor cells present in the pancreas to start producing insulin. He added that he's in the planning stages with Lakey and Islet Cell Transplant director Dr. James Shapiro to begin researching the feasibility of using the growth factors to increase the availability of islet cells for transplant, because there aren't enough donor pancreases to meet demand.

Rabinovitch emphasized that, while the research is promising, it's the beginning of a long road to ensure any resulting procedures are safe and effective.

"The projection for whether it's secure could be several years away, but the wheels have started turning," he said. "It's another small step, but it's definitely in the right direction." ■

# Young Innovator Award will finance water research

**Engineering professor examines wastewater treatment**

By Lee Craig

Dr. Mohamed Gamal El-Din, the recipient of this year's Petro-Canada Young Innovator Award, which provides \$20,000 towards his research, wanted to be an engineer since he was in junior high school.

His research into clean water and wastewater treatment has made Gamal El-Din, a professor in the Department of Civil and Environmental Engineering an outstanding researcher in the field of environmental engineering.

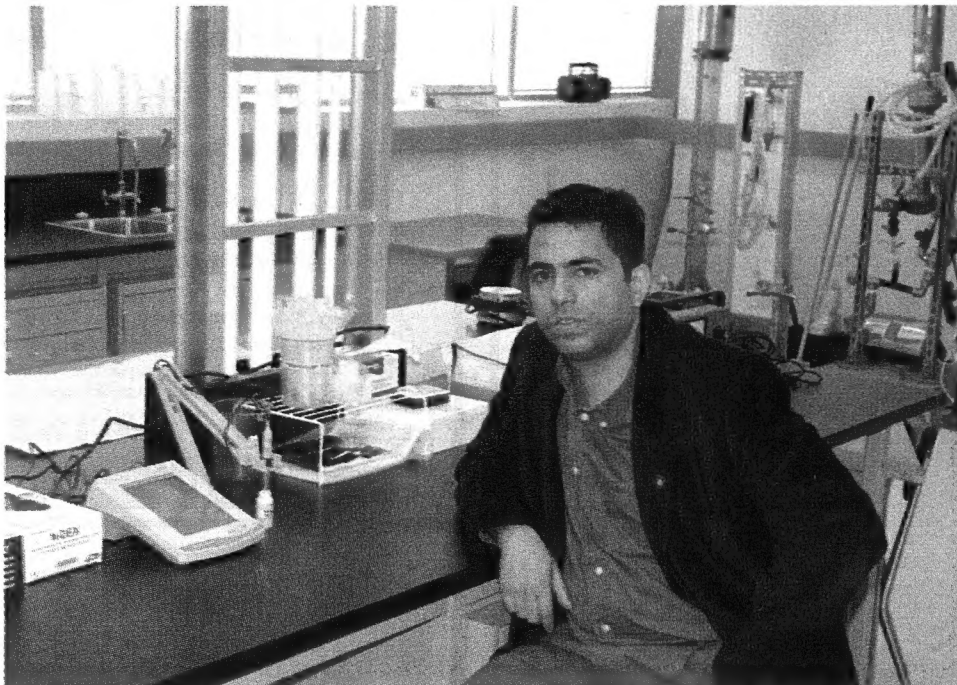
"At that time (junior high) I had more interest in infrastructure...in building big infrastructures," said Gamal El-Din, but as he grew up his interests shifted. Environmental engineering, he observes, bridges two areas of interest. "You also have infrastructure in that field, and it relates more to the environment."

Gamal El-Din, who began his PhD in environmental engineering at the University of Alberta in 1995, stresses that his research has important applications for Canadian public health and environmental health in general. This benefit of his work is important to him.

"I'm concerned about the environment and preserving the environment and Canadian health...that's why I went into this field."

Gamal El-Din's research, for which he received the Petro-Canada Award, uses a number of advanced treatment methods such as advanced oxidation to treat wastewater produced in petrochemical plants. He expects the research will allow for high- and save-levels of wastewater treatment that can lead to recycling treated wastewater for reuse in industry. Ultimately, that conserves water.

While it can take time for research results to be implemented through industry or federal government standards or



Dr. Mohamed Gamal El-Din has been awarded the Petro-Canada Young Innovator Award. His research focuses on clean water and wastewater treatment.

regulations, he said, some companies do look at available research for improving their facilities and lessening their impact on the environment more quickly.

"People can still benefit from them (research results) immediately if companies are more proactive," Gamal El-Din said.

The next step in his research, he hopes, will be a collaborative work with Petro-Canada and the City of Edmonton's Gold Bar Wastewater Treatment Plant.

"I will use this award toward treating petrochemical industrial wastewater and municipal wastewater for potable reuse."

Born and raised in Egypt, Gamal El-Din took his undergraduate program in civil engineering at Cairo University. His master's degree from Wayne State University

in Detroit is in civil engineering.

Gamal El-Din describes the main goal of environmental engineering as preserving the environment and maintaining human health.

"It's all about the minimization of any pollution that's happening in our environment and preserving the integrity of our water quality and from where we draw our water for drinking, and about the protection of public health," he said.

Different human activities, whether agricultural, industrial or otherwise, can pollute water. Preserving water supplies is an important issue in Alberta and elsewhere, he pointed out.

"That's also why environmental engineering is quite important: as the water

becomes scarce, you need to preserve those water systems," he said.

The need to continue preserving their water supplies is one of the major water issues facing Albertans in the next 25 years, he said.

"It's basically to minimize the water losses by enhancing our wastewater treatment facilities, so we can reuse some of this wastewater in different applications, and also maintain the integrity and the high quality of our water supplies."

Growing up in Egypt showed Gamal El-Din how important having good water quality is to people. He added that more stringent regulations are now in place in Egypt to protect the Nile River and other water supplies.

"Here we're luckier than in Egypt, in terms that Egypt is highly populated with about 75 million people, all depending mostly on the Nile River. It's got some pollution problems because of the high populations that are on the river banks, but also the amount of water available is becoming less and less because they don't have too many resources. They have some ground water systems there, but these systems are not very abundant in terms of the population."

Gamal El-Din, who will become an associate professor in a few months, enjoys all aspects of his job.

"I like doing research and working in the lab and interacting with students and I also like teaching...I teach environmental and civil engineering courses, but they are all directed toward the environmental engineering field, whether it's water treatment or water quality modeling."

Gamal El-Din will receive his award at a ceremony at the Faculty Club at noon, May 2. ■

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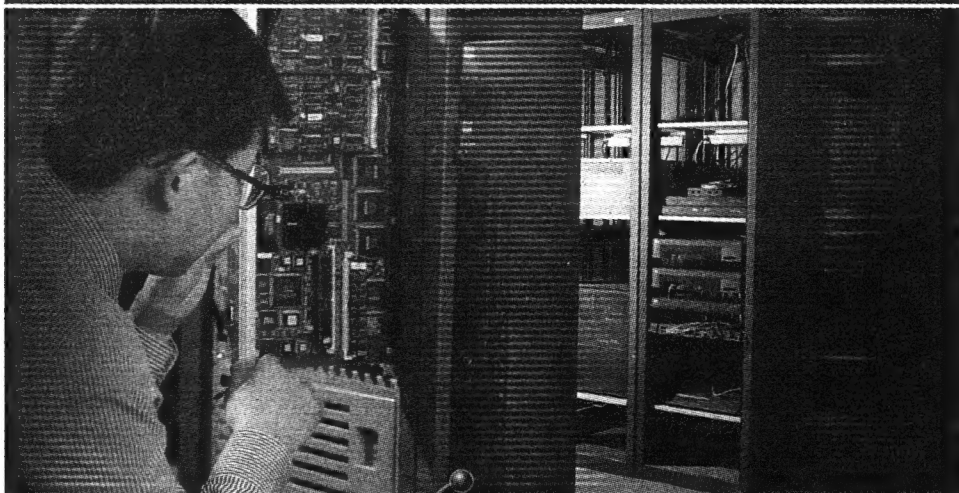
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## STUDENT INFORMATION SESSION



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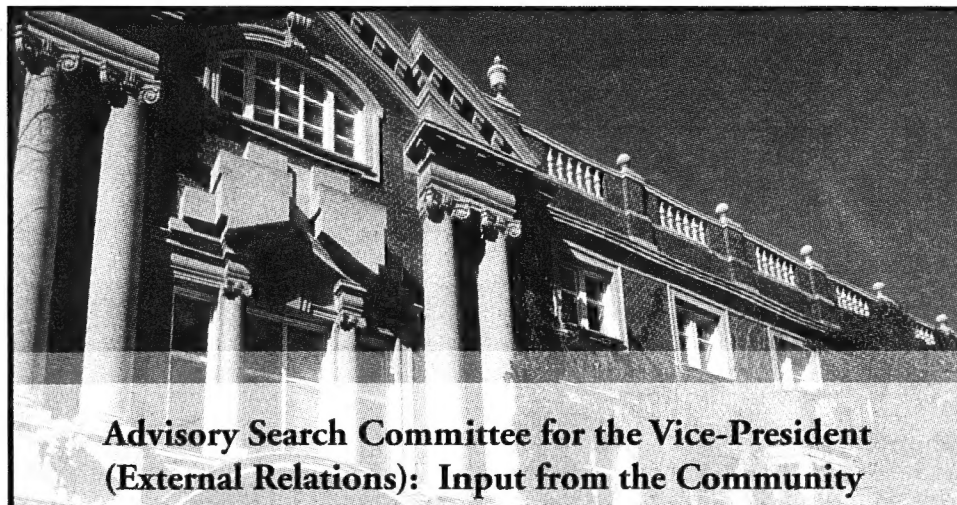
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## Advisory Search Committee for the Vice-President (External Relations): Input from the Community

Members of the University community will know that Acting Vice-President (External Relations) Claudette Tardif has been appointed to the federal Senate. Her term as Acting Vice-President (External Relations) will conclude on June 30, 2005. President Rod Fraser, in consultation with Board Chair Jim Edwards and President Designate Indira Samarasekera, has called for the establishment of a Search Committee to advise on the selection of a Vice-President (External Relations).

GFC and Board policy provides that members of the University community have the opportunity to convey their views to the Committee. Individuals are welcome to express their view on priorities of the Vice-President (External Relations); current issues; leadership; and the future direction of the Office of Vice-President (External Relations). In order to facilitate the Committee's work, kindly send your comments and/or suggestions by May 10, 2005 to:

Garry Bodnar, Secretary to the Advisory Search Committee  
for Vice-President (External Relations)  
2-5 University Hall  
University of Alberta, T6G 2J9  
Telephone Number: (780) 492-4733  
E-Mail address: [garry.bodnar@ualberta.ca](mailto:garry.bodnar@ualberta.ca)

Please note that the members of the Advisory Search Committee will be elected/appointed by May 20, 2005 and their names will be posted on the University Secretariat website. The position description for the Vice-President (External Relations) is posted on the University Secretariat website at (<http://www.ualberta.ca/~unisecr/announce.htm>).

# talks & events

Submit talks and events to Lorraine Neumayer by 3 p.m. Thursday one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>. A more comprehensive list of events is available online at [www.event.ualberta.ca](http://www.event.ualberta.ca).**

## UNTIL SEPTEMBER 2005

**Marginal Notes: an exhibition of bookworks concerning social issues** Bruce Peel Special Collections Library, Rutherford South.

**Concert #4 of the package: Augustana Choir and Encore.** Augustana Choir and encore, directed by Dr. Ardelles Ries with Dr. Roger Admiral, piano, present their Alberta 2005 Spring Tour program. The concert will feature traditional sacred and secular works by Byrd, Jannequin, Henry VIII, Carissimi, Stenhammar, Bartók, and others, as well as celebrate Alberta composers Violet Archer, Gerhard Krapf, John Estacio, Howard Bashaw and Milton Schlosser. 8:00 p.m. Augustana Faculty, University Chapel, 4901 - 46 Ave., Camrose, AB.

## MAY 1 2005

**Arts Alumni Spring Tea** Please join fellow Arts alumnus Dr. Raj Pannu, '73 PhD, MLA Edmonton-Strathcona for the 2nd Annual Arts Alumni Spring Tea. Meet Dean of Arts, Dr. Daniel Woolf, and Faculty of Arts Department Chairs for dessert and refreshments. Hear about the latest faculty news and meet other Arts grads. 2:00 p.m. U of A Conference Centre at Lister Hall (Maple Leaf Room).

## MAY 2 – MAY 20 2005

**ELLA 2005 Spring Educational Session for Older Adults** ELLA (Edmonton Lifelong Learners Association) provides older adults another exceptional Spring Educational Opportunity by offering some 30 plus non-credit courses. Members have the choice of enrolling in courses in the arts and sciences, humanities, contemporary and current affairs, drama, music, literature, writing and more. A number of confidential bursaries, up to \$100 each are available on request at registration for members in need of financial assistance. Enrolment in the Annual Spring Educational Session for Older Adults is restricted to members only. An annual membership fee, currently \$20 is required. No prerequisites are necessary other than a desire to learn in a friendly environment. To become a member or obtain further information please contact the ELLA office at 492-5055.

## MAY 2 2005

**University Teaching Services** Choosing an Instructional Method Best Suited to Your Audience (C) You can be a highly skilled teacher as a designer of well-conceived and provocatively experienced classroom exercises. (Stephen Brookfield) This session identifies the components of effective classroom teaching and provides guidelines for choosing strategies and aids best suited to your audience. Presenter: Candide Sloboda, Nursing 9:00AM - 12:00PM CAB 243.

## MAY 3 – MAY 5 2005

**Hyphenated Histories, Cultural Theory and the Humanities Tradition in the Contemporary Academy Conference** Art history, literary history, film history, social history, economic history, women's history, postcolonial history, and other hyphenated histories have introduced elements of discontinuity, rupture and plurality into hegemonic historical narratives by initiating interdisciplinary encounters that have not only redefined and rewritten debates over the terrain of the past, but have shared a common problematic with, and thus have left indelible traces in, the global syntax of theory itself. The conference intends to explore specific instances of humanities research that dislocate the history/theory dichotomy, and recover history within theory as a site of knowledge and as a practice of intellectual or institutional resistance. The proceedings will be divided into three one-day sections, covering different aspects of the topic, with presentations organized into themed panels. 2-58 Tory Building.

## MAY 3 2005

**University Teaching Services** "A Recipe for Ideal Learning (I)" This session proposes a recipe for ideal student learning using the teaching ingredients of enthusiasm, knowledge, and humility blended with learner contributions of desire and respect. Consideration will be given to what an instructor might do if all of these ingredients are not available. Presenter: David Wangler, Professor Emeritus, Educational Policy Studies. 9:00 a.m. - 11:00 a.m. CAB 243.

## MAY 4 2005

**PHS Grand Rounds** "Immunogenic Factors in Chronic Beryllium Disease and Beryllium Sensization" Guest Speaker: Dr. Ainsley Weston, Team Leader, Molecular Biology - Centers for Disease Control (CDC), National Institute for Occupational Safety and Health (NIOSH), Health Effects Laboratory Division (HELD), and Toxicology

and Molecular Biology Branch (TMBB); Associate Professor, Molecular Biology, Pathology and Human Genetics, West Virginia University 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building.

**University Teaching Services** "Cyberplagiarism: 21st Century Cheating (S)" This session explores defining, detecting, and preventing Internet plagiarism. There will be a special focus on the utilization of University of Alberta Library resources and services to stop student cyberplagiarism before it occurs. Presenter: Anna Bombak, Libraries. Pre-register at: 1:00 p.m. - 2:30 p.m. CAB 243.

## MAY 5 2005

**Alberta's centennial celebration in Ottawa** The University of Alberta Alumni Association is pleased to invite all alumni and their guests to an alumni reception and concert event in celebration of Alberta's centennial. The concert will feature folk, traditional, and cowboy music headlined by Ian Tyson. The concert is hosted and conducted by Tommy Banks and features a selection of Albetan artists including the Calgary Fiddlers. Details: Pre-concert hors d'oeuvres 8:00 PM: Concert begins Thursday, 5 May 2005 Southam Hall National Arts Centre 53 Elgin Street Ottawa, Ontario Cost: Only \$40 per person This is an incredible value as concert tickets alone for the public range from \$35 to \$90. There are only 70 tickets available. Register today! For more information and to RSVP: Phone toll-free: 1.800.661.2593 OR Register online today! 7:00 p.m.

## MAY 6 2005

**University Teaching Services** "A Different Place: The Intercultural Classroom (I)" This session considers how stereotypes are reinforced by misconceptions of cultural behaviour and the influence of cultural variation on communication, teaching, and learning. Presenter: Angela Anderson, International Centre Pre-register at: 9:00 a.m. - 12:00 p.m. CAB 243.

**R.U. Lemieux Lecture on Biotechnology** Dr. Stan van Boeckel, Head of Medicinal Chemistry at Organon, The Netherlands, will present a lecture entitled: "From Heparin to Novel Synthetic Antithrombotics: The Pentasaccharide Story and Follow-Up." Everyone is welcome to attend. 4:00 p.m. 2-115 Education North.

## MAY 8 2005

**Traditional Tea Ceremony** Tea offering will be hosted at the Ozawa Pavilion. This is an authentic Japanese Tea House, set in the tranquil Kurimoto Japanese Garden. Sittings will be held at 1:30, 2:15 and 3:00. Maximum of four people for the 1:30 and 2:15 sitting and a maximum of twenty people for the 3:00 sitting. Explanation of the tearoom and tea ceremony will be provided to the general public, as well as Japanese sweets and tea. Experience Japanese culture in a unique setting. Cost \$5.00 per person. General admission rates apply. Tickets available on a first come basis. Contact Visitor Services at (780) 987-3054 for further information. 1:30 p.m. - 4:00 p.m. 5 km north of the Town of Devon on Hwy. 60.

## MAY 10 2005

**Applying for Research Grants for Faculty Researchers: CIHR Operating Grant** This workshop on Canadian Institutes of Health Research (CIHR) grants will help applicants familiarize themselves with the essential elements of the CIHR proposals. This workshop is primarily for researchers in the Faculty of Medicine and Dentistry, however, if you are unable to attend, consider attending the June 22 workshop, for researchers in other Faculties. These are REPEAT SESSIONS targeted at different general audiences, however, researchers are welcome to attend either session. Register at the link provided. 3:00 p.m. - 4:30 p.m. 2-07 Heritage Medical Research Building.

**University Teaching Awards Reception for Rutherford and WH Alexander Recipients** Informal reception (wine and cheese) for recipients of the Rutherford Award for Excellence in Undergraduate Teaching and the William Hardy Alexander Award for Excellence in Sessional Teaching. 4:00 p.m. - 6:30 p.m. Upper Lounge, Faculty Club.

## MAY 11 2005

**Fort McMurray Regional Alumni & Friends Reception** Complimentary hors d'oeuvres and beverages will be served Business attire is recommended 7:00 p.m. - 9:00 p.m. Sawridge Inn & Conference Centre - Tamarack Room (530 MacKenzie Boulevard) Fort McMurray, Alberta.

## MAY 12 – MAY 13, 2005

**Teaching, Learning and Technology Conference 2005** This year's theme is Transformational Networks: Creating Learning

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## Transformational Networks: Creating Learning Communities

2005 Teaching, Learning and Technology Conference

Thursday, May 12 and Friday, May 13, 2005  
Telus Centre for Professional Development

**Registration Deadline: Monday, May 2, 2005**

Be part of this year's premier event examining transformational networks and innovative uses of technology and pedagogical approaches in higher education.

With outstanding keynote speakers and a dynamic group of breakout session presenters, this conference will be of particular interest to:

- University faculty and administrators
- Educational program developers, advisors and coordinators
- Instructional and curriculum designers
- Teaching assistants

### Keynote Presenters:

**Dr. Derrick de Kerckhove**

Dr. de Kerckhove is Director of the McLuhan Program in Culture & Technology and Professor in the Department of French at the University of Toronto.

**Dr. Etienne Wenger**

Dr. Wenger is an independent thinker, researcher, consultant, author, and speaker. He is best known for his work on *communities of practice*.

**Dr. Alan Edmunds**

Alan Edmunds is Associate Professor of Education at Western. His 20+ years in educational psychology and his extensive coaching background are catalysts for a unique perspective on teaching and learning, a perspective that has garnered two university teaching awards.

**To register: [www.extension.ualberta.ca/tlt2005](http://www.extension.ualberta.ca/tlt2005)**

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Communities. Be part of this year's premier event examining transformational networks and innovative uses of technology and pedagogical approaches in higher education. TELUS Centre, University of Alberta.

**MAY 12 2005**

**Sports Wall of Fame Dinner** Entering its 20th year, the University of Alberta Sports Wall of Fame Dinner is a celebration of University and community sporting excellence. It is an evening of recognition, celebration, and tradition, bridging past, present and future contributions and accomplishments within the university and local sporting community. 5:30 p.m. Shaw Conference Centre.

**Camrose Alumni Dinner** The University of Alberta Camrose Alumni Branch extends a cordial invitation to all U of A and Augustana alumni and their guests living in Camrose and area to their annual alumni dinner. Details: 5:30 PM Cash Bar 6:30 PM Dinner Thursday, 12 May 2005 Norsemen Inn 6505 48 Avenue Camrose, Alberta Guest Speaker Dr. Roger Epp Acting Dean, Faculty of Augustana \$20 per person Includes event dinner, program, and a U of A gift For more information and to RSVP: Office of Alumni Affairs Ph: 1.800.661.2593 Or RSVP Online Today! 6:30 p.m.

**MAY 18 2005**

**QVHS Luncheon** Annual Quaecumque Vera Honour Society luncheon with the President. By invitation only. 11:30 a.m. - 1:30 p.m. Faculty Club.

**MAY 19 2005**

**Department of Medicine's 2005 Research Day and E. Garner King Lecture** The Department

of Medicine will hold the 2005 Research Day on Thursday, May 19th, 2005 in the Tiered Classroom at the Telus Centre. Special guest adjudicator will be Dr C. David Naylor, Dean of the Faculty of Medicine at the University of Toronto. 8:00 a.m. - 4:00 p.m. TELUS Centre for Professional Development.

**Grant Application Overview and Strategies: SSHRC Standard Grants** This informative workshop is for faculty researchers who are seeking guidance on writing or enhancing a standard SSHRC proposal. Come and obtain practical tips from members of the Adjudication Committees and grant recipients on how to put together a successful grant application. The Applying for SSHRC Standard Research Grants workshops are open to all researchers. This workshop together with the Budgets, CVs and CV Attachments workshop will cover the essential elements of the SSHRC Standard Grant application form. Please see June 9, 2005 for the Budgets, CVs, & Attachments workshop. Feel free to bring your lunch. Please register at the link provided. 11:30 a.m. - 1:00 p.m. 122 Education Centre.

**E. Garner King Lecture** Dr C. David Naylor, Dean of the Faculty of Medicine at the University of Toronto, will present the 13th Annual E. Garner King Lecture. A reception will follow. 5:00 p.m. - 6:00 p.m. Bernard Snell Hall, Walter MacKenzie Centre.

**MAY 19 - MAY 28 2005**

**Hysteria by Terry Johnson** A Surreal Freudian Farce. It is July 1938. As Sigmund Freud attempts to spend his dying days in peace, he and his couch unwillingly play host to one of the psychoanalyst's earliest "cases," a naked woman hiding in his closet and a frenzied Salvador Dali. 8:00 p.m. Timms Centre for the Arts.

## positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIP). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons. With regard to teaching positions: All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. For complete U of A job listings visit [www.hrs.ualberta.ca](http://www.hrs.ualberta.ca).

**FACULTY OF REHABILITATION MEDICINE  
— UNIVERSITY OF ALBERTA AND GLENROSE  
REHABILITATION HOSPITAL- CAPITAL HEALTH**

### ASSISTIVE TECHNOLOGY JOINT POSITION

The Glenrose Rehabilitation Hospital (Capital Health) and the Faculty of Rehabilitation Medicine, University of Alberta, have established a full-time joint appointment for an assistive technology practitioner. This position has been structured to provide an assistive technology practitioner with the opportunity and the support to develop both a clinical research and an academic career.

The position seeks an assistive technology practitioner with a Masters degree in engineering or a related discipline and who is also interested in obtaining a PhD degree. Responsibilities are both clinical and academic. The teaching commitment requires participation in faculty activities and managing and delivering course materials (both lecture and lab components) on aspects of assistive technologies for speech-language pathologists, occupational therapists and physical therapists in the Faculty of Rehabilitation Medicine and Glenrose Rehabilitation Hospital.

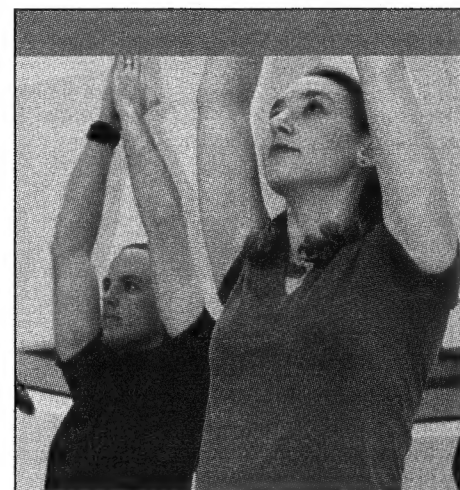
The clinical research role requires initiation and facilitation of research projects in the area of assistive technology in collaboration with the I Can Centre for Assistive Technology at the Glenrose Rehabilitation Hospital. This clinical research agenda may address other areas of study concurrent to the PhD research activities.

The candidate selected will also be expected to complete a PhD program with the thesis research on a topic related to assistive technologies. Such a program would be linked to and supervised by an international group of experts who are currently engaged in research in the field. The position is structured so that the clinical and teaching requirements allow adequate opportunity to undertake and complete a PhD degree research program. Salary support and protected time for the PhD program will be provided to undertake both the coursework and research components of the PhD program.

Overall, the purpose of the proposed joint appointment is to provide an opportunity for an assistive technology practitioner to develop an academic career, while engaged in a vibrant and exciting area of clinical practice.

This clinical-track assistant professor position is available immediately. Salary will be commensurate with experience. Review of applications will commence May 15, 2005 and continue until the position is filled. Interested applicants should send curriculum vitae and a statement of teaching and research interests to:

Dr. Albert Cook, Dean  
Faculty of Rehabilitation Medicine  
3-48 Corbett Hall  
University of Alberta



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TWO-STOREY, FOUR BEDROOM COMFORTABLE HOME, finished basement, heated double garage, quiet neighbourhood, south Edmonton, close to public schools. Twenty minute drive or city bus to U of A. Partially furnished or non-furnished. Rent negotiable. Available August 1. Reason for rental: sabbatical leave. Contact Dr. Tom Jones, (780) 988-8790 or [tom\\_jones@shaw.ca](mailto:tom_jones@shaw.ca).

SUMMER 2005 - SUMMER 2006: Furnished large 4 bedroom house; office(s); large yard, garden, deck; 20 minutes to University. NO SMOKING; pets negotiable; rent negotiable. Ursule Critoph (780) 988-0751, [ursulec@athabascau.ca](mailto:ursulec@athabascau.ca).

SPACIOUS CLEAN ONE BEDROOM and two bedroom apartments. Incentive. Ann 433-2327.

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# notices

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## ADVISORY SEARCH COMMITTEE FOR THE VICE-PRESIDENT (EXTERNAL RELATIONS): INPUT FROM THE COMMUNITY

Members of the university community will know that Acting Vice-President (External Relations) Claudette Tardif has been appointed to the federal Senate. Her term as Acting Vice-President (External Relations) will conclude on June 30, 2005. President Rod Fraser, in consultation with Board Chair Jim Edwards and President Designate Indira Samarasekera, has called for the establishment of a Search Committee to advise on the selection of a Vice-President (External Relations).

GFC and Board policy provides that members of the University community have the opportunity to convey their views to the Committee. Individuals are welcome to express their view on priorities of the Vice-President (External Relations); current issues; leadership; and the future direction

of the Office of Vice-President (External Relations). In order to facilitate the Committee's work, kindly send your comments and/or suggestions by May 10, 2005 to:

Garry Bodnar, Secretary to the Advisory Search Committee  
for Vice-President (External Relations)  
2-5 University Hall  
University of Alberta, T6G 2J9  
Telephone Number: (780) 492-4733  
E-Mail address: [garry.bodnar@ualberta.ca](mailto:garry.bodnar@ualberta.ca)

Please note that the members of the Advisory Search Committee will be elected/appointed by May 20, 2005 and their names will be posted on the University Secretariat website. The job description for the Vice-President (External Relations) will be posted on the University Secretariat website.

# folio display ads work

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Dear Access Fund Board,  
The Access Fund has helped immensely with our expenses and has indeed lifted a huge weight off of our shoulders. In all honesty, I do not know how to thank you enough. It is very hard when you find yourself in a situation where the life that you have worked so hard for could be taken from you in an instant. It has put a lot of things into perspective on what matters most.

Sincerely,  
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With appreciation,  
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Dear Access Fund,  
Thank you for awarding me an Access Fund Bursary. Every little bit helps when you are a student, and to know it came from the Students' Union is even a bit sweeter.

Thanks so much  
-Education Student

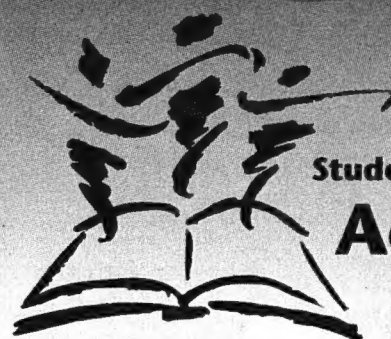


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**In the 2004/2005 school year, students at the University of Alberta came to the aid of their fellow students. With the money raised by the Students' Union Access Fund, over \$1.14 Million (collected from students) in bursaries were given out to students who had no where else to turn. 700 students, who might have otherwise fallen through the cracks, were given a second chance.**

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Students' Union  
**Access  
Fund**

# Everyday art

**Design graduates showcase their finest work**

By Marc Bence

**I**n this era of mass production and rapid consumption, it's easy to forget that the chair you're sitting on, or the cup you're drinking coffee from, or the newspaper you're currently reading were all created by designers.

If you had the chance to see the *Departures* exhibit that ran April 12 to 23 in the FAB Gallery, displaying this year's Design graduates' best work, you'd understand that there is a designer behind every piece of art or junk you have hanging, lying, standing, or leaning in your home.

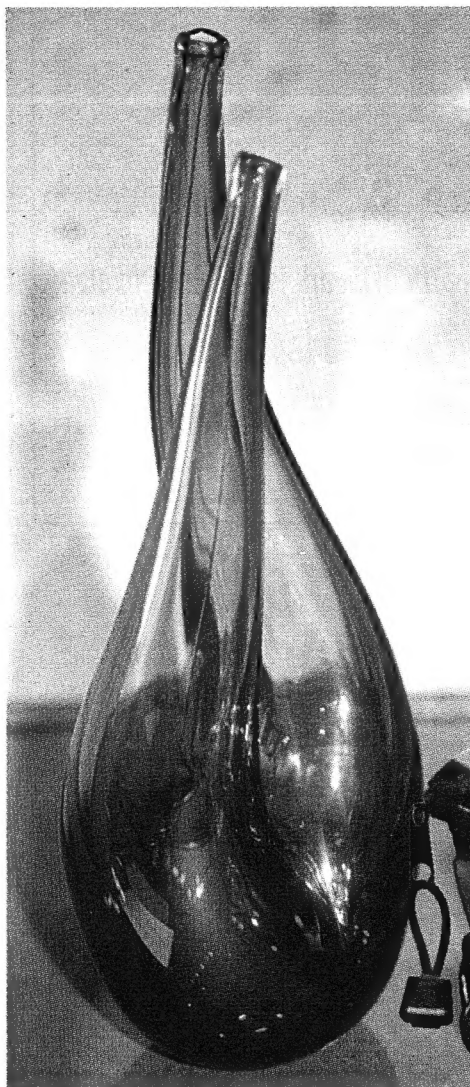
You would also have learned that this year's crop of University of Alberta Design graduates have all grown into independent, talented and diverse young designers. Each piece is completely unique in its colour, shape, material, and application. The only thing similar in the gallery's more than 50 displays is the fact that each piece is an amazingly individual piece of art.

Each display grabbed the attention of viewers and delivered the realization that there is more to a table or poster than initially meets the eye, more than function.

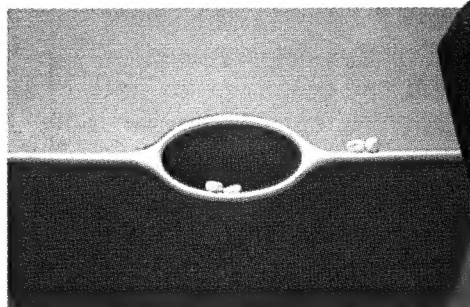
Take graduate Edmond LeRouzie for instance. He fashioned a shelf, entitled *Aeros*, out of flat-white plastic that looks as though you're staring a manta-ray right in the face. Or Adam Seely's juxtaposed poster *Liberty*, of the Statue of Liberty behind bars. Seely makes you look more than twice at his work.

Perhaps the most striking creation was Amanda Howell's *Deposit* end table. It features a square block of beautiful wood with an oil drop and water deposit hollowed out of the square. Howell explained the table as an exploration into what will happen when the land's natural resource deposits are exhausted from misuse.

Expect your definition of a shelf, poster, or side table to change as soon as these great designers hit the real world. ■



▲ Lisa Sholter, Jeff Holmurrel. *Unison* (2005, glass).



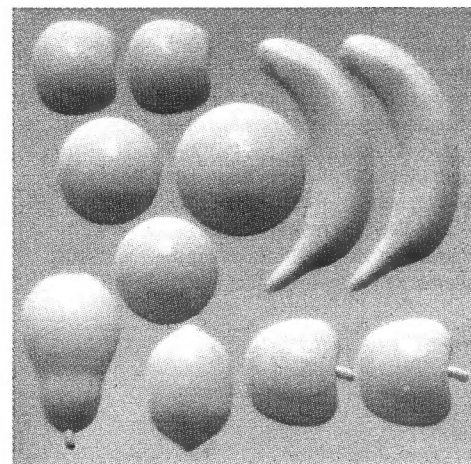
▲ Edmond LeRouzie. *Aeros* (Shelf, 2004. MDF, steel)



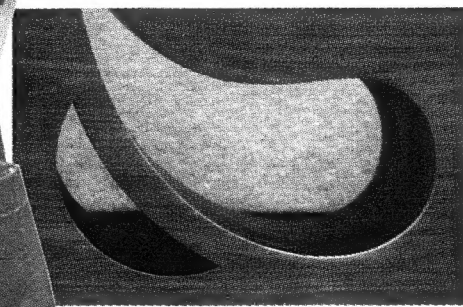
▲ Erin Ignacio. *Untitled* (Installation, 2004. Photography, digital print)



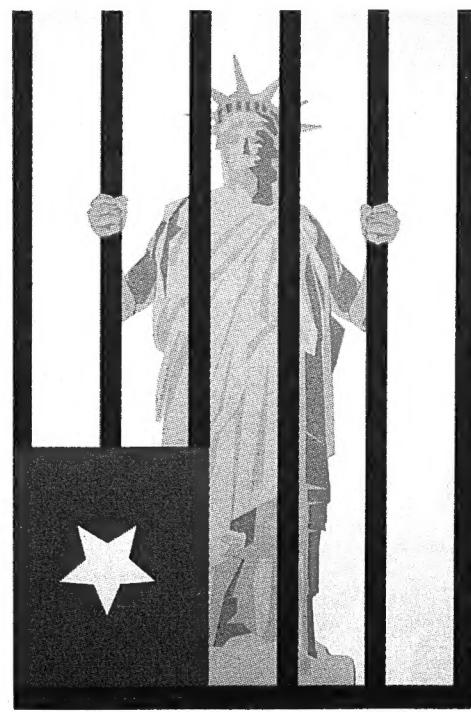
▲ David Bayda



▲ David Bayda. *Impressions* (Fruit Bowl, 2005. MDF, steel)



▲ Amanda Howell. *Deposit*



▲ Adam Seely. *Liberty* (Human rights poster, 2004. Print)

► Brett Carlyle, Brendan Pinches. *M6/ML6 Universal Oxygen Cylinder Carrier* (2004. Cordura)

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